

Comparisons of Job Characteristics

Focus Occupation: Fence Erectors (47-4031)
Associated Occupation: Carpenters (47-2031)

Compare Knowledge
 Compare Skills
 Compare Abilities
 Compare Detailed Work Activities
 Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 85

Focus Occupation: Fence Erectors (47-4031)
Associated Occupation: Carpenters (47-2031)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Building and Construction	4.0	17.5	9.4	<<	Extensive education and/or training may be required
Mathematics	9.2	12.8	4.9	<<	Extensive education and/or training may be required
Mechanical	6.8	12.6	5.7	<<	Extensive education and/or training may be required
Design	5.2	12.2	4.7	<<	Extensive education and/or training may be required
Production and Processing	6.0	10.9	5.5	<<	Extensive education and/or training may be required
Public Safety and Security	6.9	8.6	4.6	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 88

Focus Occupation: Fence Erectors (47-4031)
Associated Occupation: Carpenters (47-2031)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Repairing	3.4	6.1	5.4	<	A higher skill level may be required
Equipment Selection	3.3	5.9	6.2	0	Current skill level may be sufficient
Equipment Maintenance	3.5	5.1	6.1	>	Skill level is likely sufficient
Installation	1.7	3.8	1.3	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 83			
Focus Occupation: Fence Erectors (47-4031) Associated Occupation: Carpenters (47-2031)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Trunk Strength	5.7	11.4	12.1	0	Current ability level may be sufficient
Static Strength	5.0	11.3	12.2	0	Current ability level may be sufficient
Visualization	7.5	11.3	8.1	<<	Extensive improvement in abilities may be required
Manual Dexterity	6.5	11.2	11.1	0	Current ability level may be sufficient
Extent Flexibility	4.8	10.8	9.7	<	Some improvement in abilities may be required
Multilimb Coordination	6.0	10.8	11.8	0	Current ability level may be sufficient
Stamina	4.0	8.7	9.4	0	Current ability level may be sufficient
Gross Body Equilibrium	3.2	8.6	4.9	<<	Extensive improvement in abilities may be required
Speed of Limb Movement	3.2	8.3	8.1	0	Current ability level may be sufficient
Spatial Orientation	2.7	6.2	4.8	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 89
Focus Occupation: Fence Erectors (47-4031) Associated Occupation: Carpenters (47-2031)		
Work Activities	Exclusivity of Activity	
Adhere to safety procedures	12	
Anchor or brace wooden structures, frameworks, or forms	92	
Build or repair structures in construction, repair, or manufacturing setting	54	
Charge blasting holes with explosives	82	
Cut, shape, fit, or join wood or other construction materials	58	
Determine amount or kind of explosive needed to complete job	85	
Dig holes or trenches for foundations, posts, poles, or related items	78	
Fabricate, assemble, or disassemble manufactured products by hand	11	
Move or fit heavy objects	8	
Position, align, or level machines, equipment, or structures	74	
Read tape measure	41	
Read technical drawings	7	

Understand construction specifications	53
Use basic carpentry techniques	62
Use concrete fabrication techniques	74
Use hand or power tools	2
Use hand or power woodworking tools	65
Use measuring devices in construction or extraction work	41
Weld together metal parts, components, or structures	54

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Fence Erectors (47-4031)
Associated Occupation: Carpenters (47-2031)

Tools and Technologies

Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.